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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known					
Application Number	09/640,405				
Filing Date	08/17/00				
First Named Inventor	John Crawford et al.				
Group Art Unit	2615				
Examiner Name	Unknown				
Attorney Docket Number	E3-01				

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Examine Initials	No.1	U.S. Patent I	Vocument Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relavant Passages o' Relavant			
ND#4	4	4851915		Yang et al.	07/25/89	- Figures Appear			
NDHH	<u> </u>	4875100		Yonemoto et al.	10/17/89				
ND4H	<u></u>	5075775		Kawaoka et al.	12/24/91				
NNH		5101276		Ohta	03/31/92				
ND##	1	5157502		Nakajima et al.	10/20/92	Tach JA			
ND4H		5283655		Usami	02/01/94	<u> </u>			
NOHH		5376964		Soga et al.	12/27/94				
ND##		5420635		Konishi et al.	05/30/95	<del>- 2</del>			
NDH		5448293		Kogane et al.	09/05/95	<del></del>			
NDHH		5517242		Yamada et al.	05/14/96	- <del>-  </del>			
NS##		5831676		Takahashi et al.	11/03/98				
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>s</sup> (# known)		Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	1
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